

Protein Detail


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TAIR Database

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## Protein: AT5G22330.1

Date last modified ?

2004-05-05

TAIR Accession ?

AASequence:4015249

External IDs ?

SwissPROT

PIR

GenPept

Similar Proteins in Genbank

Q9FMR915242217NCBI BLink

### Properties

Calculated MW ? 50306.0

Calculated PI ? 5.7333

Length (aa) ? 458

### Domains

Database	Structural Class Type	Accession	Interpro	Position
tigfam		TIGR00635	<u>RuvB</u>	37-175
pfam		PF00004	<u>AAA ATPase centr</u>	68-422
pfam		PF06068	<u>TIP49, C-terminal</u>	120-442
superfam	Alpha and beta proteins (a/b)	52540		37-123
superfam	Alpha and beta proteins (a/b)	52540		295-440
superfam	Alpha and beta proteins (a/b)	52540		66-148
superfam	Alpha and beta proteins (a/b)	52540		177-268

### Sequence

```

1 MEVKIEEIQ STAKQRIAT HTHIKGLGLE PTGIPIKLAA GFVGQLEARE
51 AAGLVVDMIK QKKMAGKALL LAGPPGTGKT ALALGISQEL GSKVPFCPMV
101 GSEVYSSEVK KTEVLNENFR RAIGLRIKET KEVYEGEVTE LSPEETESLT
151 GGYGKSISHV VITLKT VKGT KHLKLDPTIY DALIKEKVAV GDVIYIEANS
201 GAVKRVGRSD AFATEFDLEA EEYVPLPKGE VHKKKEIVQD VTLODLDAAN
251 ARPQGGQDIL SLMGQMMKPR KTEITDKLRQ EINKVVNRYI DEGVAELVPG
301 VLFIDEVHML DMECFSYLNR ALESSLSPIV IFATNRGVCN VRGTDMPSPH
351 GVPIDLLDRL VIIRTQIYDP SEMIQIIAIR AQVEELTVDE ECLVLLGEIG
401 QRTSLRHAVQ LLSPASIVAK MNGRDNICKA DIEEVTSLYL DAKSSAKLLH
451 EQQEKYIS

```

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## Protein Detail

## Associated Genes

Gene Model ? Locus ? seqviewer link  
[AT5G22330.1](#) [AT5G22330](#) [Sequence Viewer](#)

## External Link

[The Arabidopsis Subcellular Proteomics Database \(ASPD\)](#)

## User Comments ?

(shows only the most recent comments by default)

## Attribution

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General comments or questions: [curator@arabidopsis.org](mailto:curator@arabidopsis.org)

Seed or DNA stock questions (donations, availability, orders, etc): [abrc@arabidopsis.org](mailto:abrc@arabidopsis.org)